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Date: 5/27/2014

GAIN Report Number: MX4042

Mexico

Post: Mexico

Mexico Submits OIE Announcement on PEDv

Report Categories:

Livestock and Products

Agriculture in the Economy

Agriculture in the News

Pest/Disease Occurrences

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Report Highlights:

Mexico notified the World Organization for Animal Health of its positive findings for porcine epidemic diarrhea virus on May 21, 2014. The disease remains of significant animal health and economic concern but only a limited number of total positive cases were diagnosed in the country while another disease seems to be affecting the pig crop, too. Domestic pork cut prices have been climbing steadily prior to and since the diagnosed outbreak in August 2013.

General Information:

On May 21, 2014, The National Service of Health, Food Safety, and Food Quality (SENASICA) issued an [immediate notification](#) regarding Mexico's positive diagnosis of porcine epidemic diarrhea virus (PEDv), a non-reportable disease, to the World Organization for Animal Health (OIE). The Animal Health Director General, Dr. Joaquin Braulio Delgadillo, reported 83 farms had PEDv outbreaks in 17 out of 19 surveyed states (see red shaded areas in map, below). Two other states (Oaxaca and Yucatan) were sampled for the disease and found negative.

According to SENASICA's information, the surveillance began as a response to a notification of an unusual mortality, mainly in piglets, in the central-western part of the country, with clinical evidence suggestive of porcine epidemic diarrhea virus. The official veterinary services, in coordination with farmers, began investigating the situation, including epidemiological sampling in farrow-to-finish farms, fattening farms, breeding farms, backyard farms and slaughterhouses.

The surveillance activities covered 19 states from August 2013 to May 2014. During the period, 2,309 samples were collected and studied with real-time reverse transcriptase/polymerase chain reaction (RRT-PCR) methodology. SENASICA reported that: "Out of the total number of samples, only 30 percent were positive for PEDv and 70 percent were negative; thereby suggesting that 70 percent of the clinical signs manifested on the farms/in the samples collected are due to some other etiological agent involved in this event."

SENASICA and industry contacts report that, to date, it has not been possible to isolate the virus. Thus, the agency will institute permanent surveillance and continue other biological controls.

FAS comment: Mexico's zoo-sanitary authorities rank this emerging disease with morbidity and mortality rates of three and two, respectively on a scale of 0 to 5. Mexican industry remains concerned with the disease, as it is present in many of the leading pork producing states. In late April 2014, the Confederation of Mexican Pork Producers (CPM) reported that the domestic supply was enough to meet demand. Moreover, according to official Mexican statistics in table 1, below, production in 2014 is outpacing production volumes from 2013 even in some of the states where PEDv has been diagnosed. In addition, CPM reported that the organization and its members had jointly implemented with SENASICA a number of mechanisms to control the spread of PEDv; which they indicate was first detected in Mexico in June 2013. Despite these joint efforts, it appears, according to official statistics and industry sources, that the disease has affected a large geographic area although only present in a few scattered areas.

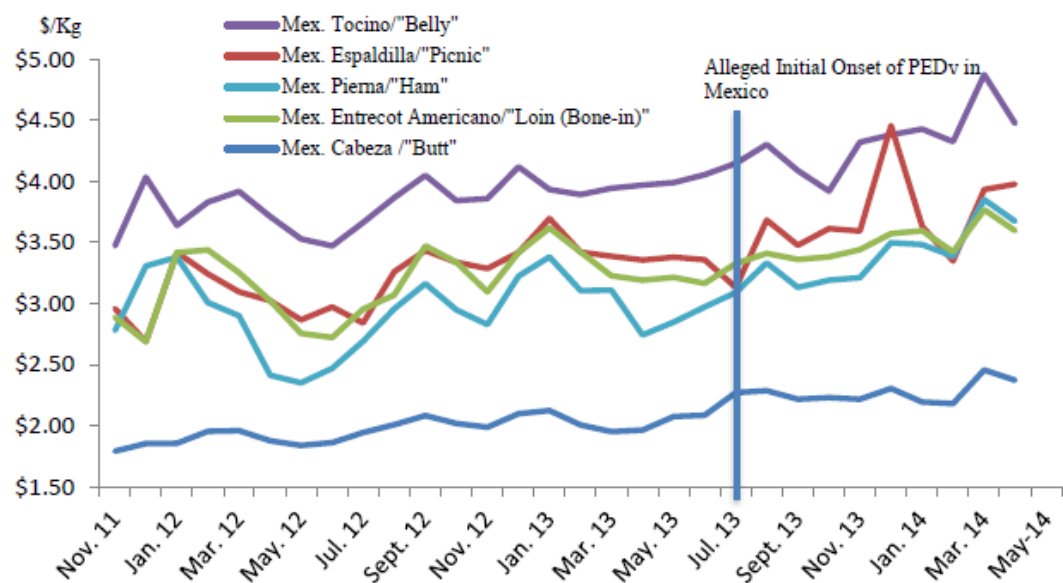
Table 1. Mexico: Year to Date Pork Production in Metric Tons by State through April 2014

Rank	State	Difference				
		2014 Forecast	Jan-Apr 2013 YTD	Jan-Apr 2014 YTD	Year Over Year	%age
1	JALISCO	251,853	75,396	76,874	1,478	2
2	SONORA	244,054	80,627	82,404	1,777	2.2
3	PUEBLA	158,462	42,103	47,129	5,026	11.9
4	VERACRUZ	118,030	30,392	34,661	4,269	14
5	YUCATÁN	114,434	37,633	35,171	-2,462	-6.5
6	GUANAJUATO	113,397	35,144	34,636	-507	-1.4
7	MICHOACÁN	42,011	13,441	14,143	702	5.2
8	OAXACA	28,570	8,034	7,982	-53	-0.7
9	CHIAPAS	25,317	8,059	8,288	229	2.8
10	NUEVO LEÓN	22,495	7,273	6,642	-631	-8.7
11	GUERRERO	21,405	5,928	6,458	529	8.9
12	QUERÉTARO	21,279	6,851	7,259	408	5.9
13	MÉXICO	21,085	6,121	6,269	149	2.4
14	SINALOA	21,002	6,937	6,172	-765	-11
15	TAMAULIPAS	14,386	4,461	4,958	498	11.2
16	AGUASCALIENTES	12,953	3,890	4,298	408	10.5
17	TABASCO	12,500	3,757	3,668	-89	-2.4
18	HIDALGO	12,019	3,460	3,575	115	3.3
19	TLAXCALA	11,558	3,571	3,404	-167	-4.7
20	ZACATECAS	10,042	2,990	3,174	184	6.2
21	COAHUILA	8,217	2,624	2,671	46	1.8
22	QUINTANA ROO	7,126	877	1,357	480	54.7
23	SAN LUIS POTOSÍ	6,604	2,637	1,882	-755	-28.6
24	CHIHUAHUA	6,278	1,776	1,804	29	1.6
25	COLIMA	5,922	1,919	1,889	-30	-1.6
26	CAMPECHE	5,296	1,836	1,475	-361	-19.6
27	MORELOS	4,775	1,370	1,339	-31	-2.3
28	DURANGO	3,625	1,195	1,155	-40	-3.3
29	NAYARIT	2,941	981	967	-13	-1.3
30	DISTRITO FEDERAL	1,728	511	522	11	2.1
31	BAJA CALIFORNIA	949	279	265	-14	-4.9
32	BAJA CALIFORNIA SUR	907	283	348	65	23.1
TOTAL		1,331,219	402,354	412,840	10,486	2.6

Source: [SAGARPA SIAP](#)

Red Text indicates that SENASICA reports PEDv has been found in the state.

Chart 1. Mexico: Pork Cut National Average Prices Adjusted from Pesos per Kilogram to U.S. \$ per Kilogram



Source: SE/SNIIM

Mexican Pork Production and PEDv Positive Cases

Red areas indicate Mexican states where a confirmed (i.e., positive) case of porcine epidemic diarrhoea virus (PEDv) was found through SENASICA RRT-PCR analysis. Mexico's May 21, 2014, report to the OIE, indicated there have been 83 PEDv farm outbreaks as determined by laboratory analysis from August 2013 to May 2014.

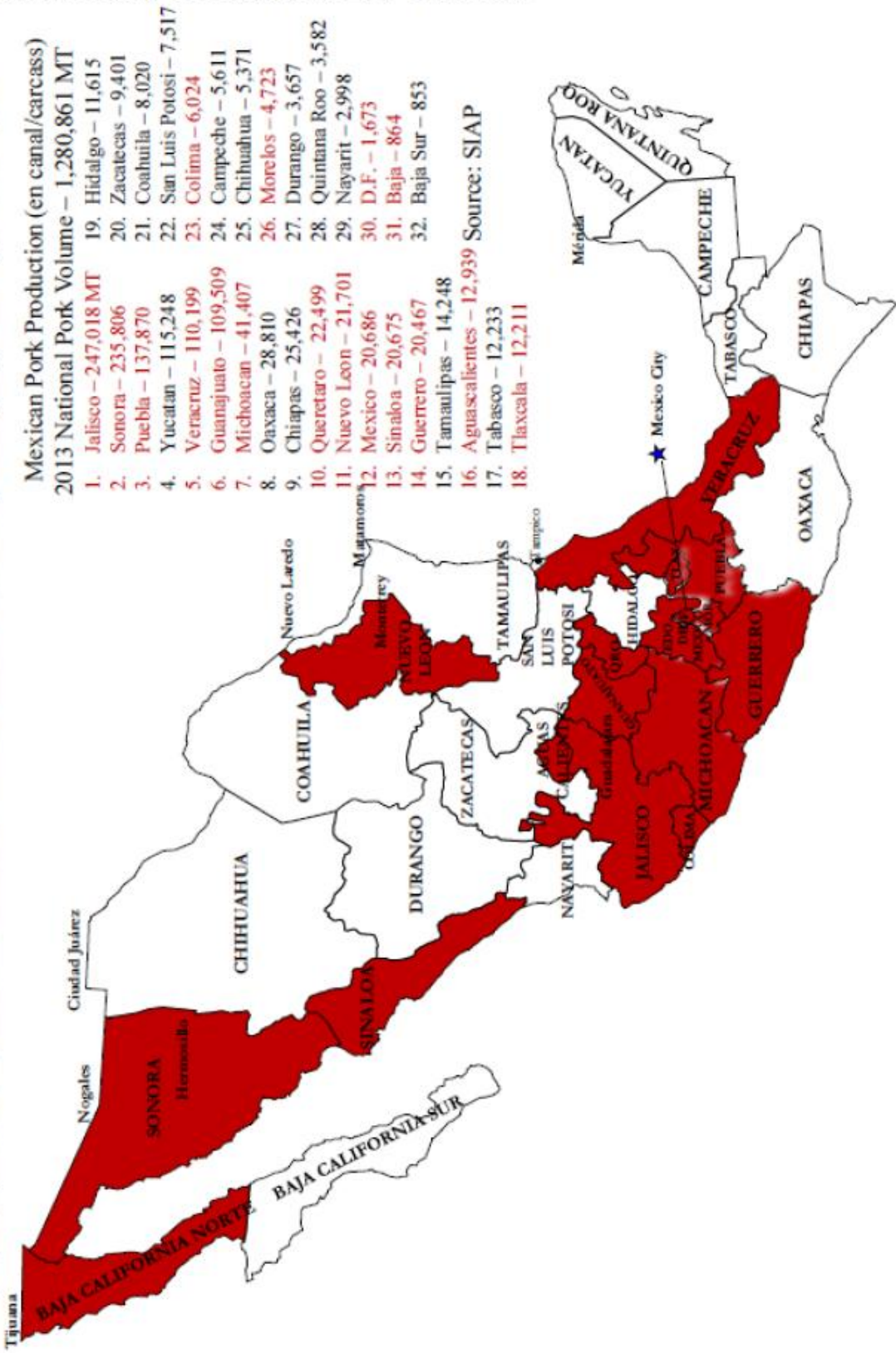


Image 1. Mexico: Map of Confirmed PEDv Outbreaks

Author Defined:

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FAS/Mexico Web Site: We are available at www.mexico-usda.com.mx or visit the FAS headquarters' home page at www.fas.usda.gov for a complete selection of FAS worldwide agricultural reporting.

Other Relevant Reports Submitted by FAS/Mexico:

Report Number	Subject	Date Submitted
MX4036	Mexican Market Opened to U.S. Beef and Beef By-Products of All Ages	4/29/2014
MX4025	Red Meat and Poultry Sector Trends and Developments	3/28/2014
MX4015	Livestock and Products Semi-Annual: Production Forecasts Raised Slightly on Better Genetics, Weather and Feeding	3/1/2014
MX4012	Poultry and Products Semi-Annual: Billion Dollar Market Retains Potential for Increased Sales	2/14/2014
MX4011	SAGARPA to Provide USD 50 Million for Abattoirs and Processors	2/4/2014
MX3077	Cattle Herd Repopulation Plan	10/30/2013
MX3068	Egg Certification Policy Changes with Price and Trade Snapshot	9/10/2013
MX3066	Poultry and Products Annual: Production and Trade Forecasts Bright	8/30/2013
MX3062	Livestock and Products Annual: Outlook for Production and Trade Bright While Consumption Remains Affected by Prices	8/15/2013
MX3058	Outreach in Tijuana and Mexicali for Meat and Poultry Trade	7/16/2013
MX3051	Porcine Epidemic Diarrhea Disease	6/26/2013
MX3048	Newly Authorized Meat and Poultry Exporters to Mexico	6/20/2013
MX3047	Educational Sessions for Meat and Poultry Trade Exporters to Mexico	6/20/2013
MX3043	Pork Price and Trade Snapshot	5/30/2013
MX3026	Broiler Meat Production and Trade Update	3/22/2013
MX3016	Livestock Semi-Annual: Pork Sector Promising	3/4/2013
MX3011	Poultry Semi-Annual – First \$1 Billion Poultry Market for American Exporters	2/13/2013

Useful Mexican Web Sites: Mexico's equivalent to the U.S. Department of Agriculture (SAGARPA) can be found at www.sagarpa.gob.mx, equivalent to the U.S. Department of Commerce (SE) can be found at www.economia.gob.mx and equivalent to the U.S. Food and Drug Administration (SALUD) can be found at www.salud.gob.mx. These web sites are mentioned for the readers' convenience but USDA does NOT in any way endorse, guarantee the accuracy of, or necessarily concur with, the information contained on the mentioned sites.

